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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	09/674,090		
		Filing Date	March 1, 2001		
		First Named Inventor	Yoav Eichen		
		Art Unit	1637		
		Examiner Name	Jeffrey Siew		
Sheet	1	of	3	Attorney Docket Number	18363.0002/P002

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		Number-Kind Code <sup>2</sup> (if known)			
J		3,833,894	9-1974	Aviram et al.	
		5,063,417	11-1991	Hopfield	
		5,089,545	2-1992	Pol	
		5,561,071	10-1996	Hollenberg et al.	
		5,707,845	1-1998	Ueyama et al.	
		5,946,550	8-1999	Papadimitrakopoulos	
		5,445,934	8-1995	Fodor et al.	
		5,653,939	8-1997	Hollis et al.	
		5,739,308	4-1998	Kandimalla et al.	
		5,770,369	6-1998	Meade et al.	
		5,787,032	7-1998	Heller et al.	
		5,824,473	10-1998	Meade et al.	
		5,837,546	11-1998	Allen et al.	
		5,858,659	1-1999	Sapolsky et al.	
		5,874,046	2-1999	Megerle	
		5,876,976	3-1999	Richards, et al.	
		5,891,630	4-1999	Eggers et al.	
		6,060,023	4-2001	Maracas	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
J		WO 98/53841	12-1998	WIPO		
		WO 99/04440	1-1999	WIPO		
		WO 99/29711	6-1999	WIPO		
		WO 99/35256	7-1999	WIPO		
		WO 99/36573	7-1999	WIPO		

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		8,051,380	4-2000	Sosnowski et al.	
		6,071,699	6-2000	Meade et al.	
		6,093,370	7-2000	Yasuda et al.	
		6,210,880	4-2001	Lyamichev	
		6,399,303	6-2002	Connolly	
		US2002/0182608 A1	12-2002	Connolly	

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		WO 93/25003	12/1993	WIPO	
		WO 94/05045	3/1994	WIPO	

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		Chen et al., "Synthesis from DNA of a Molecule With the Connectivity of a Cube," <u>Nature</u> , 350:631-633 (1991)		
		Mirkin et al., "A DNA-Based Method of Rationally Assembling Nanoparticles Into Macroscopic Materials", <u>Nature</u> , 382:607-609 (1996)		
		Alivisatos et al., "Organization of 'Nanocrystal Molecules' Using DNA," <u>Nature</u> , 382:609-11 (1996)		
		Braun et al., "DNA-Templated Assembly and Electrode Attachment of a Conducting Silver Wire," <u>Nature</u> , 391:775-778 (1998)		
		J. L. Coffey et al., "Dictation of the Shape of Mesoscale Semiconductor Nanoparticle Assemblies by Plasmid DNA", <u>Appl. Phys. Lett.</u> 69 (25), December 16, 1996, pp.3851-3853		
		D. B. Hall, et al., "Oxidative DNA Damage Through Long-Range Electron Transfer", <u>NATURE</u> , Vol. 382, August 22, 1996, pp. 731-735		
		S.N. Size, "Physics of Semiconductor Devices, 2nd Ed., pp. 349, 490-495		
		Klein et al., "An Approach to Electrical Studies of Single Nanocrystals," <u>Appl. Phys. Lett.</u> , 68 (18):2574-2576 (1996)		
		Sato et al., "Single Electron Transistor Using A Molecularly Linked Gold Colloidal Particle Chain," <u>J. Appl. Phys.</u> 82 (2) : 696-701 (1997)		



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			Art Unit	1637	
			Examiner Name	Jeffrey Siew	
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		Graber et al., "Kinetic Control of Interparticle Spacing in Au Colloid-Based Surfaces: Rational Nanometer-Scale Architecture," J. Am. Chem. Soc., 118:1148-1153 (1996)
		Ackley, et al., "DNA Technology for Optoelectronics", IEEE, April 1998

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		B.L. Altshuler et al., "Mesoscopic Phenomena in Solids", Elsevier Science Publishers, B.V., 1991, pp. 176-271	
		M.A. Kastner, "The Single Electron Transistor", <i>Reviews of Modern Physics</i> , Vol. 64, No. 3, July 1992, pp. 849-858	
		D. Porath et al., "Single Electron Tunneling and Level Spectroscopy of Isolated C <sub>60</sub> Molecules", <i>J. Appl. Phys.</i> Vol. 81, No. 5, March 1997, pp. 2241-2244	
		U. Meirav and E.B. Foxman, "Single Electron Phenomena in Semiconductors", <i>Semiconductor Science Technology</i> 11, 1996, pp. 255-284	
		I. Bertini et al. "Bioinorganic Chemistry", University Science Books, 1994, pp. 455-503	
		L.P. Kouwenhoven et al., "Introduction to Mesoscopic Electron Transport", Kluwer Academic Publishers, 1997, pp. 1-44	
		L. Langer et al., "Quantum Transport in a Multiwalled Carbon Nanotube", <i>Physical Review Letters</i> , Vol. 76, No. 3, January 15, 1996, pp. 479-482	

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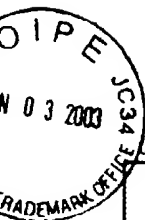
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✓		D. Bensimon et al., "Stretching DNA With A Receding Meniscus: Experiments And Models", <i>Physical Review Letters</i> , Vol. 74, No. 23, June 5, 1995, pp. 4754-4757	
		A. Bensimon et al., "Alignment and Sensitive Detection of DNA By A Moving Interface", <i>Science</i> , Vol. 265, Sept. 30, 1994, pp. 2096-2098	
		D. Wirtz, "Direct Measurement of the Transport Properties of a Single DNA Molecule", <i>Physical Review Letters</i> , Vol. 75, No. 12, September 18, 1995, pp. 2436-2439	
		R. M. Zimmerman et al., "DNA Stretching on Functionalized Gold Surfaces", <i>Nucleic Acids Research</i> , Vol. 22, No. 3, 1994, pp. 492-497	
		C.A. Mirkin et al., "A DNA-based Method for Rationally Assembling Nanoparticles Into Macroscopic Materials", <i>Nature</i> , Vol. 382, August 15, 1996, pp. 607-609	
		A.P. Alivisatos et al., "Organization of 'Nanocrystal Molecules' Using DNA", <i>Nature</i> , Vol. 382, August 15, 1996, pp. 609-611	
		J. L. Coffey et al., "Dictation of the Shape of Mesoscale Semiconductor Nanoparticle Assemblies by Plasmid DNA", <i>Appl. Phys. Letter</i> , December 16, 1996, pp. 3851-3853	
		Daniel B. Hall et al., "Oxidative DNA Damage Through Long-Range Electron Transfer", <i>Nature</i> , Vol. 382, August 22, 1996, pp. 731-735	
		L.G. Marzilli et al., "An Extension of the Role of O(2) of Cytosine Residues in the Binding of the Metal Ions, Synthesis and Structure of an Unusual a Polymeric Silver (I) Complex of 1-Methylcytosine," <i>Journal of the American Chemical Society</i> , 99:8, April 13, 1977 (2 pages)	

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		G. L. Eichhorn, Complexes of Nucleosides and Nucleotides, Inorganic Biochemistry, Elsevier Scientific Publishing Company, Vols. 1 and 2, 1973, pp. 1191-1243	
		W. J. Roberts et al., "A New Procedure for the Detection of Gold on Animal Tissue", Proceedings of the Section of Sciences, Vol. 38, N.V. Noord-Hollandsche Uitgeversmaatschappij, Amsterdam, 1935, pp. 540-544	
		Clive S. Holgate et al., "Immunogold - Silver Staining", Journal of Histochemistry and Cytochemistry, Vol. 31, No. 7, 1983, pp. 938-944	
		Gorm Danscher et al., "Light Microscopic Visualization of Colloidal Gold on Resin-Embedded Tissue", The Journal of Histochemistry and Cytochemistry, Vol. 31, No. 12, 1983, pp. 1394-1398	
		J. H. Burroughes et al., "Light-emitting Diodes Based on Conjugated Polymers", Nature, Vol. 347, October 11, 1990, pp. 539-541	
		J.E. Mueller et al., "Design and Synthesis of a Knot From Single-Stranded DNA", 1191 Journal of American Chemical Society, Vol. 113, No. 16, 1991, pp. 6306-6308	
		S.M. Du et al., "Synthesis of a DNA Knot Containing Both Positive and Negative Nodes", Journal of American Chemical Society, Vol. 114, No. 24, 1992, pp. 9652-9655	
		Nadrian C. Seeman, et al., "Synthetic DNA Knots and Catenanes", New Journal of Chemistry, Vol. 17, No. 10, pp. 739-755	
		N.R. Kallenbach et al., "An Immobile Nucleic Acid Junction Constructed From Oligonucleotides", Nature, Vol. 305, No. 27, October 1983, pp. 829-831	
		A. Goffeau, "Molecular Fish on Chips", Nature, Vol. 385, January 1997, pp. 202-203	

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		G.B. Birrell et al., "Silver Enhanced Colloidal Gold as a Cell Surface Marker for Photoelectron Microscopy", <i>The Journal of Histochemistry and Cytochemistry</i> , Vol. 34, No. 3, 1986, pp. 339-345	
		G. Danscher, "Localization of Gold in Biological Tissue", <i>Histochemistry</i> , (1981), 71:81-88	
		L. Scopsi et al., "Increased Sensitivity in Immunocytochemistry - Effects of Double Application of Antibodies and of Silver Intensification on Immunogold and Peroxidase-Antiperoxidase Staining Techniques", <i>Histochemistry</i> (1985) 82:321-329	
		L. Scopsi et al., "Colloidal Gold Probes in Immunocytochemistry", <i>Medical Biology</i> , 64: 139-145, 1986	
		D. R. Springall et al., "The Potential of the Immunogold-Silver Staining Method for Paraffin Sections", <i>Histochemistry</i> (1984) 81:603-608	
		J. Teasdale et al., "Identification of Oestrogen Receptors in Cells of Paraffin-Processed Breast Cancers by IGSS", <i>Histochemistry</i> (1987) 87:185-187, pp. 185-187	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.